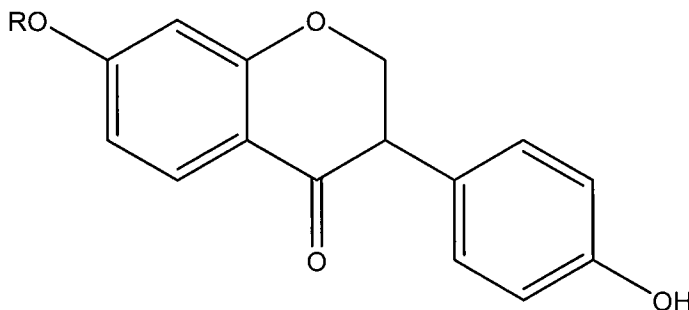


LISTING OF THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application.

1-2. Cancelled

3. (Previously Presented) A method for increasing the concentration of 5-hydroxyindole-3-acetaldehyde or 3,4-dihydroxyphenyl-acetaldehyde formed during catabolism of serotonin or dopamine in a human comprising administering a compound of formula I



Formula I

wherein:

R is substituted or unsubstituted with one or more hydroxyl, carboxyl, phosphinyl, phosphonyl, sulfanyl, or sulfonyl substituents and is a

sugar moiety selected from the group consisting of L and D, aldo- and keto-, tetroses, pentoses, heptoses, amino derivatives of tetroses, pentoses, or heptoses, alcohol derivatives of tetroses, pentoses, or heptoses, acid derivatives of tetroses, pentoses, or heptoses and deoxy analogs of tetroses, pentoses, or heptoses;

peptide;

polyether; or

aminoalkyl where the alkyl portion is a straight chain alkyl having 2-11 carbon atoms, or branched chain alkyl having 2-30 carbon atoms, where the branched chain alkyl

comprises a straight chain alkyl portion having 2-11 carbon atoms substituted with straight or branched chain lower alky groups having 1-6 carbon atoms;
in an amount effective to increase the concentration of 5-hydroxyindole-3-acetaldehyde or 3,4-dihydroxyphenyl-acetaldehyde formed during catabolism of serotonin or dopamine.

4-15. Cancelled